

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072916\
 Data File : BG023328.D
 Acq On : 29 Jul 2016 6:24
 Operator : UM/SJ
 Sample : H4213-13
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 L-2

Quant Time: Jul 29 07:53:50 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

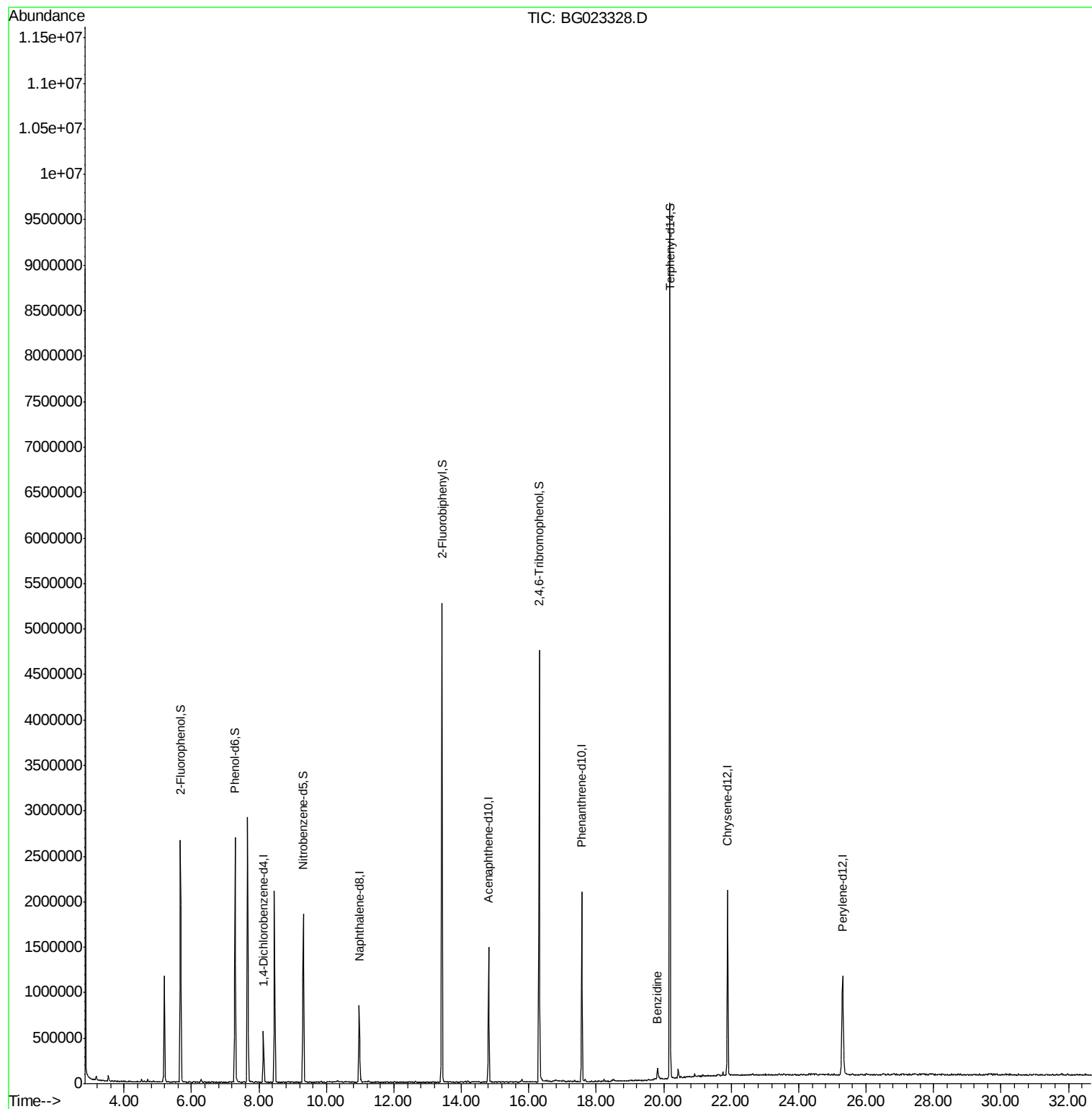
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	160433	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	719478	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	511026	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1213425	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1255570	20.00	ng	0.00
86) Perylene-d12	25.31	264	1252184	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	1172235	124.74	ng	0.00
7) Phenol-d6	7.29	99	1658186	114.93	ng	0.00
23) Nitrobenzene-d5	9.31	82	1234220	83.89	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	876505	165.71	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2549108	93.36	ng	0.00
78) Terphenyl-d14	20.18	244	3283793	85.02	ng	0.00
Target Compounds						
76) Benzidine	19.81	184	98832	2.80	ng	Qvalue # 96

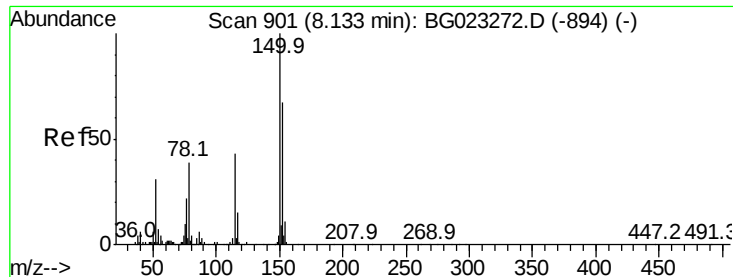
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 27 17:30:33 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG023328.D

Acq: 29 Jul 2016 6:24

Instrument :

BNA_G

ClientSampleId :

L-2

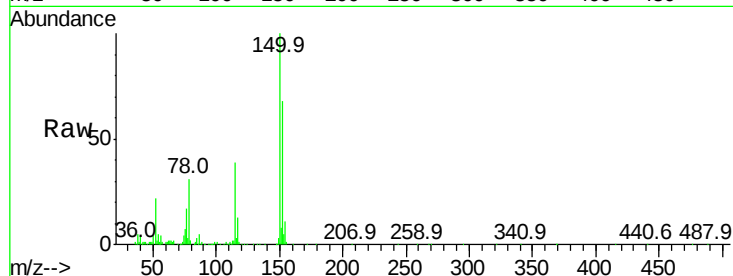
Tot Ion:152 Resp: 160433

Ion Ratio Lower Upper

152 100

150 147.7 144.7 217.1

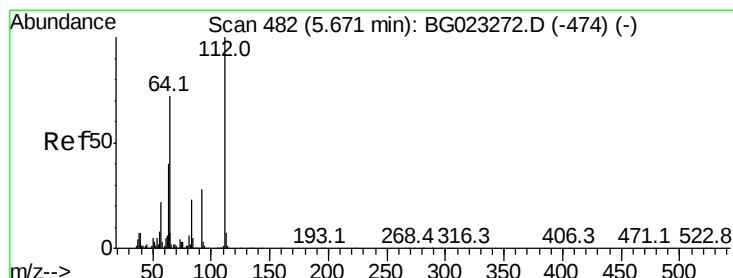
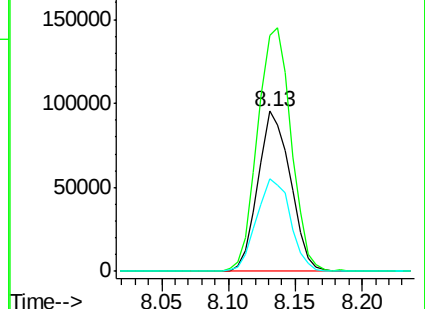
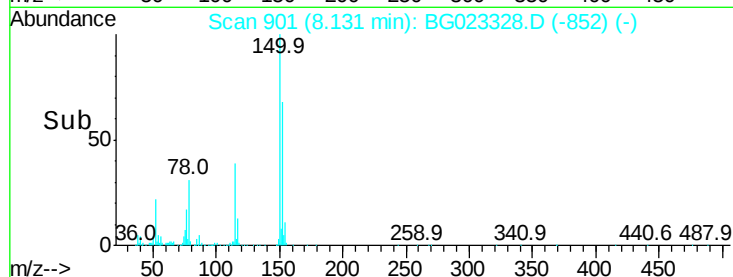
115 58.0 64.0 96.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 124.74 ng

RT: 5.68 min Scan# 483

Delta R.T. 0.00 min

Lab File: BG023328.D

Acq: 29 Jul 2016 6:24

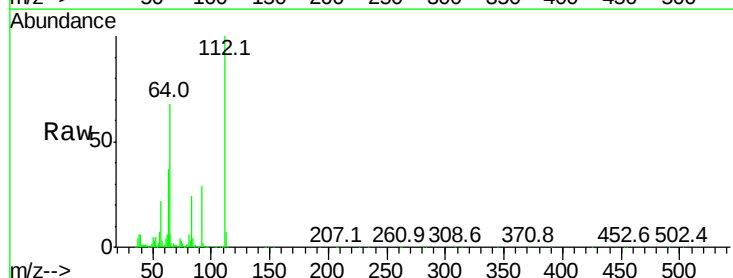
Tgt Ion:112 Resp: 1172235

Ion Ratio Lower Upper

112 100

64 68.1 59.0 88.4

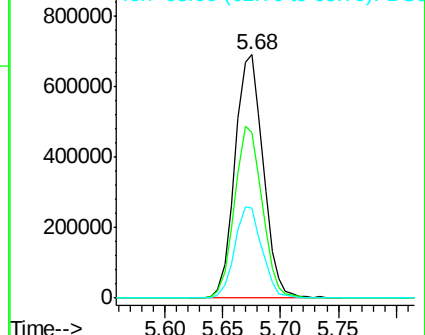
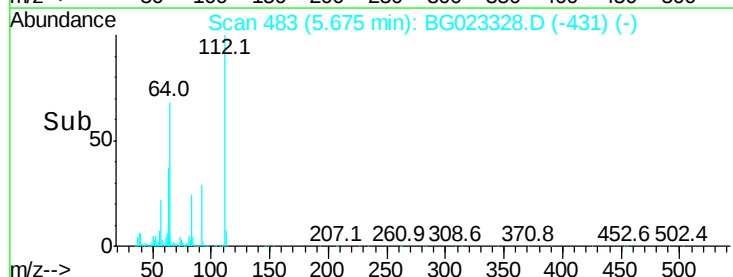
63 37.1 37.8 56.8#

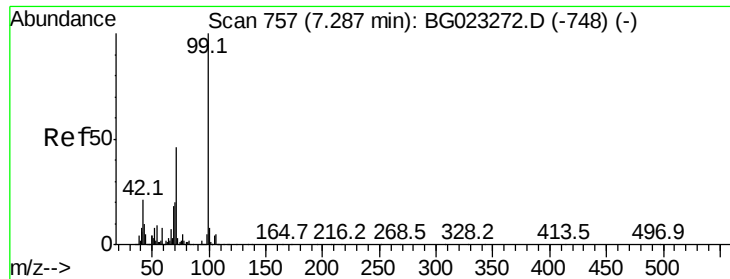


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 114.93 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG023328.D

Acq: 29 Jul 2016 6:24

Instrument :

BNA_G

ClientSampleId :

L-2

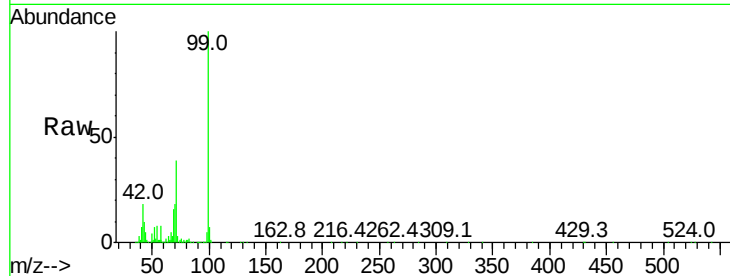
Tot Ion: 99 Resp: 1658186

Ion Ratio Lower Upper

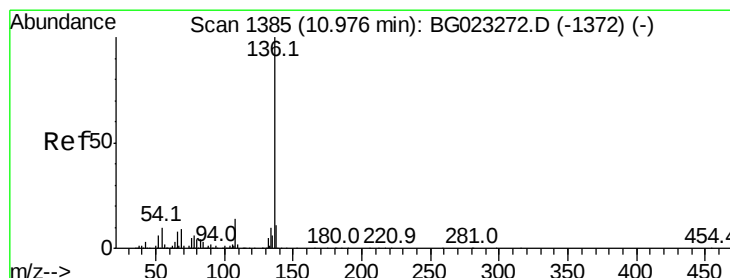
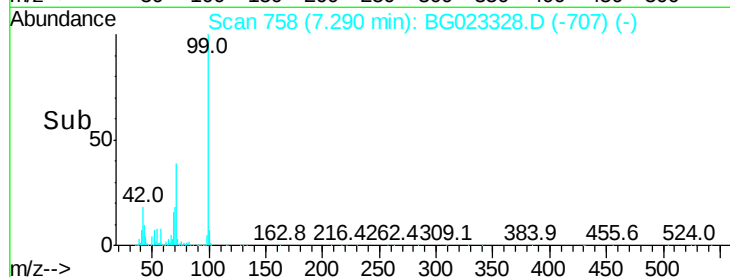
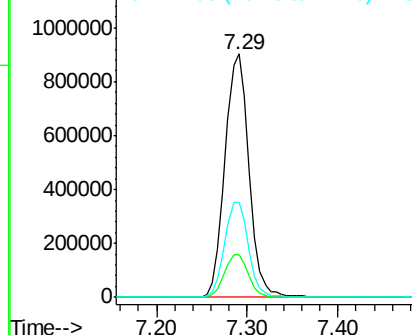
99 100

42 17.7 17.8 26.6#

71 38.9 41.5 62.3#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.97 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BG023328.D

Acq: 29 Jul 2016 6:24

Tgt Ion: 136 Resp: 719478

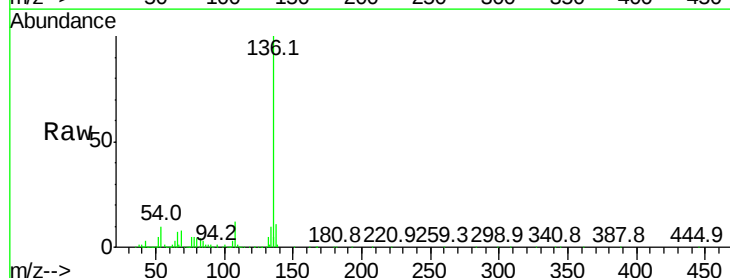
Ion Ratio Lower Upper

136 100

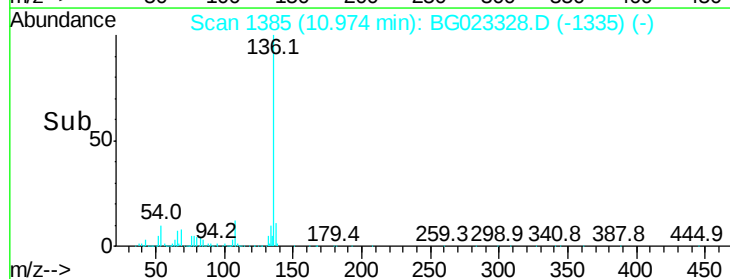
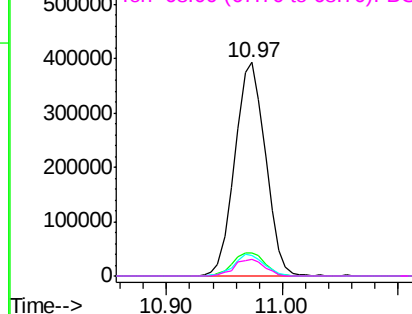
137 10.7 9.6 14.4

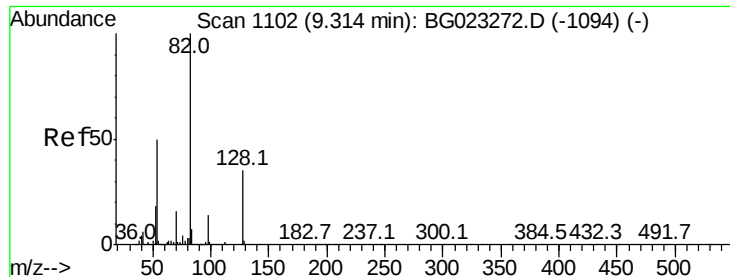
54 9.7 7.3 10.9

68 7.7 5.3 7.9



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



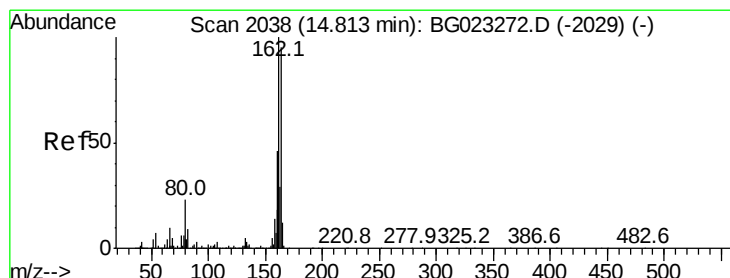
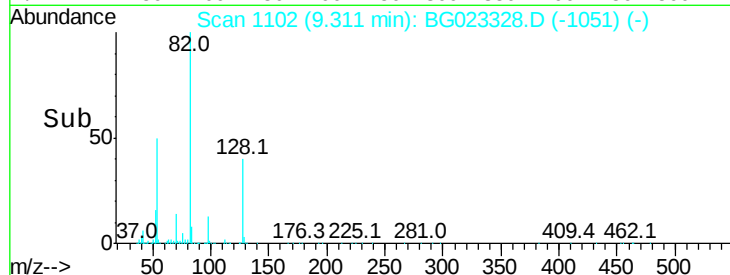
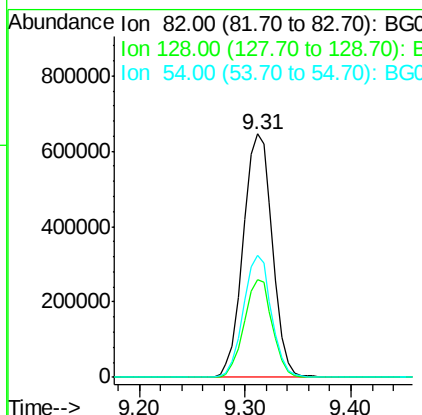
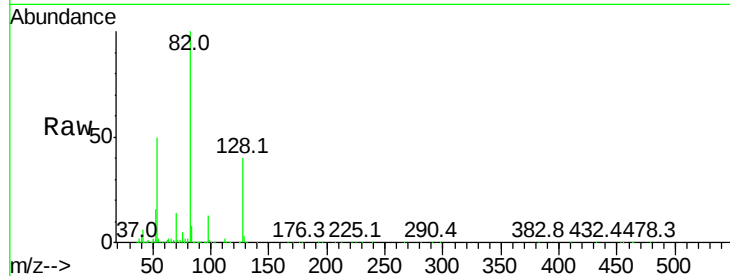


#23
 Nitrobenzene-d5
 Concen: 83.89 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BG023328.D
 Acq: 29 Jul 2016 6:24

Instrument :
 BNA_G
 ClientSampleId :
 L-2

Tot Ion: 82 Resp: 1234220

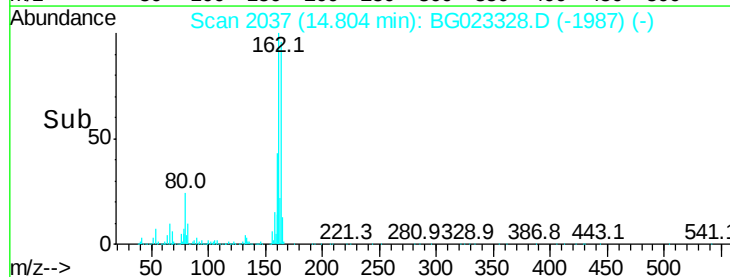
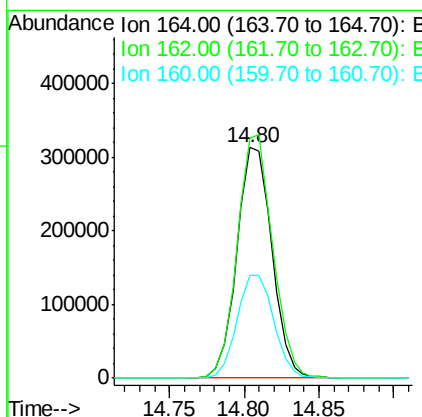
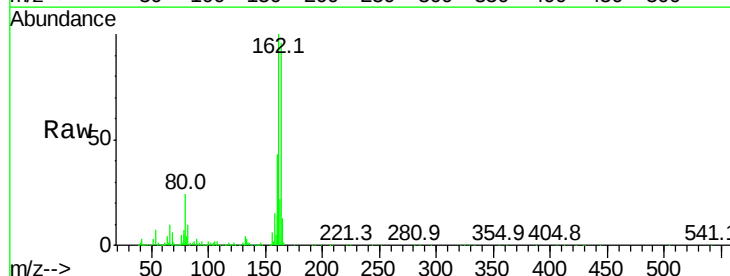
Ion	Ratio	Lower	Upper
82	100		
128	40.0	24.4	36.6#
54	50.2	41.4	62.0

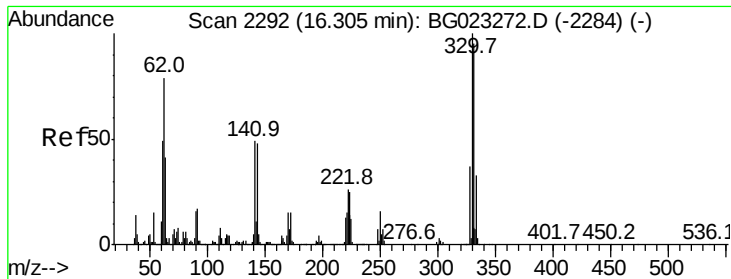


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: BG023328.D
 Acq: 29 Jul 2016 6:24

Tgt Ion: 164 Resp: 511026

Ion	Ratio	Lower	Upper
164	100		
162	104.1	87.7	131.5
160	44.6	37.2	55.8

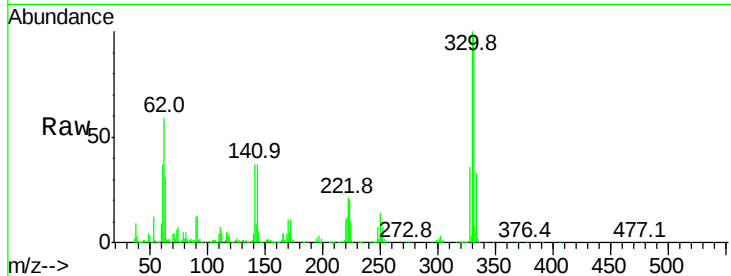




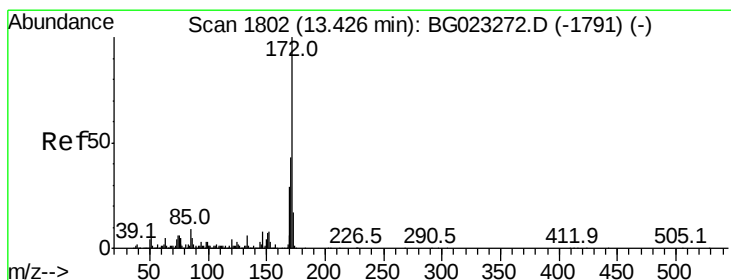
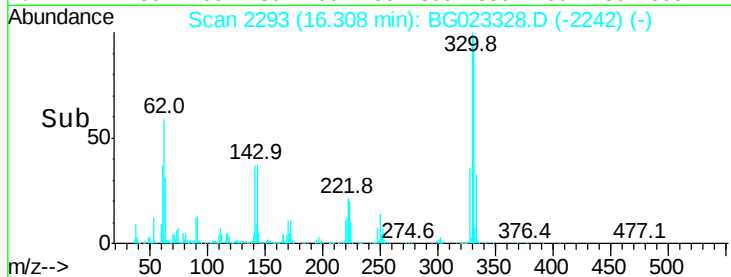
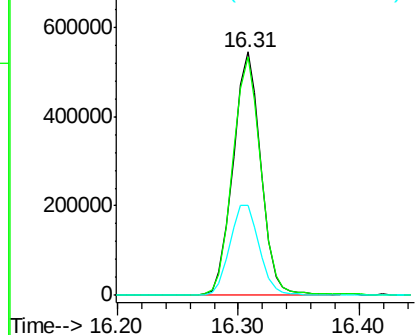
#41
 2,4,6-Tribromophenol
 Concen: 165.71 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BG023328.D
 Acq: 29 Jul 2016 6:24

Instrument :
 BNA_G
 ClientSampleId :
 L-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.4	116.2
141	39.8	31.7	47.5

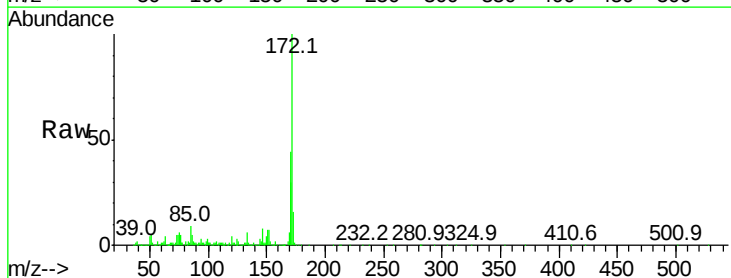


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

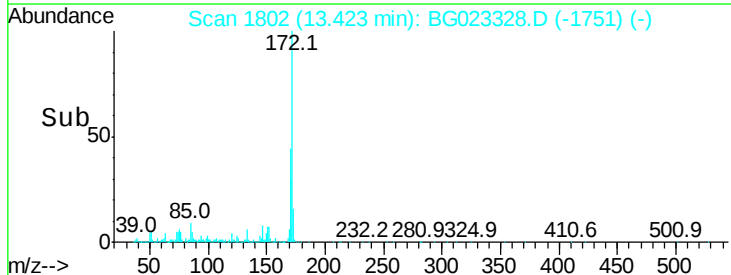
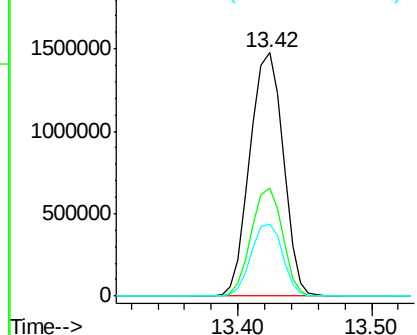


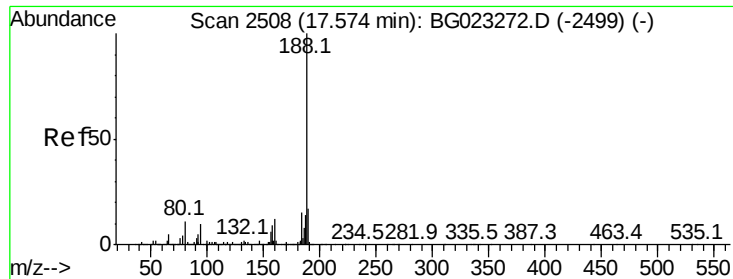
#44
 2-Fluorobiphenyl
 Concen: 93.36 ng
 RT: 13.42 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: BG023328.D
 Acq: 29 Jul 2016 6:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	44.2	31.6	47.4
170	29.8	21.3	31.9



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

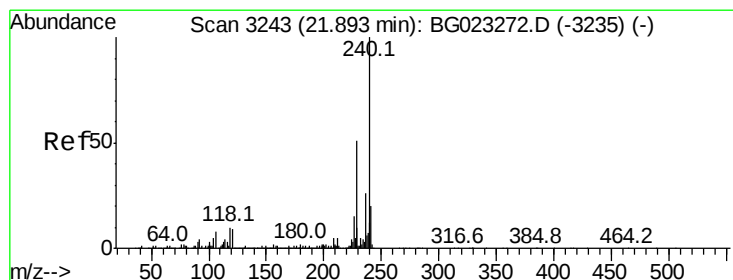
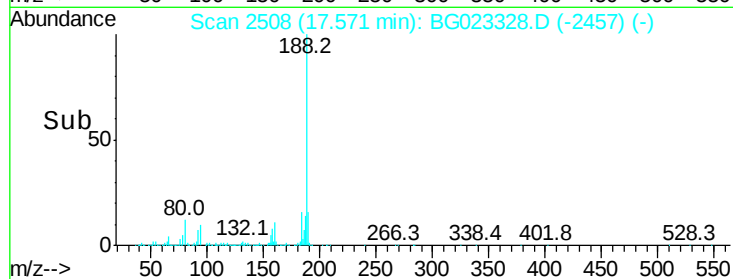
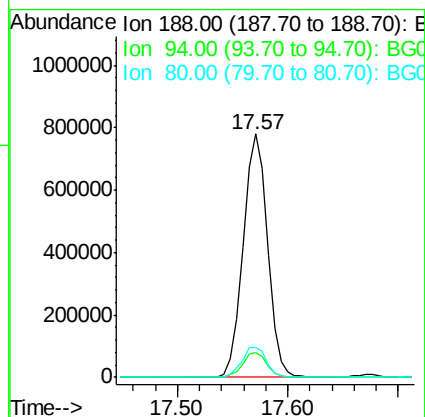
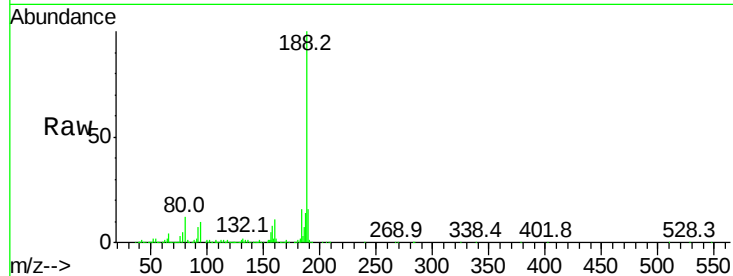




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. 0.00 min
Lab File: BG023328.D
Acq: 29 Jul 2016 6:24

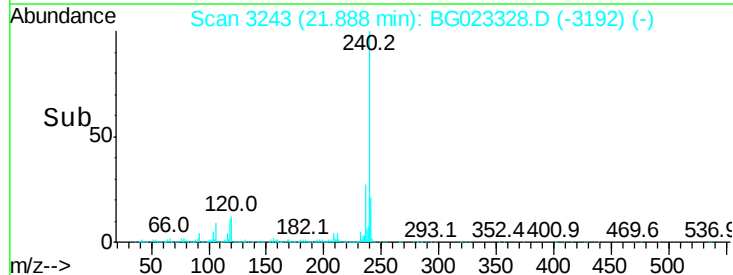
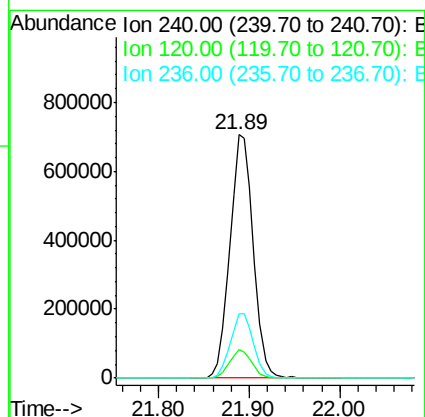
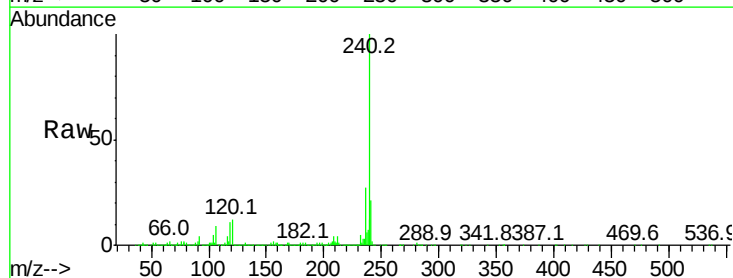
Instrument :
BNA_G
ClientSampled :
L-2

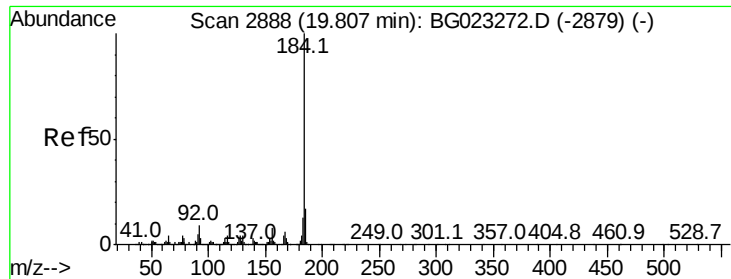
Tot Ion:188 Resp: 1213425
Ion Ratio Lower Upper
188 100
94 10.0 5.2 7.8#
80 12.4 7.2 10.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3243
Delta R.T. -0.00 min
Lab File: BG023328.D
Acq: 29 Jul 2016 6:24

Tgt Ion:240 Resp: 1255570
Ion Ratio Lower Upper
240 100
120 11.9 4.1 6.1#
236 26.7 21.1 31.7





#76

Benzidine

Concen: 2.80 ng

RT: 19.81 min Scan# 2890

Delta R.T. 0.01 min

Lab File: BG023328.D

Acq: 29 Jul 2016 6:24

Instrument :

BNA_G

ClientSampleId :

L-2

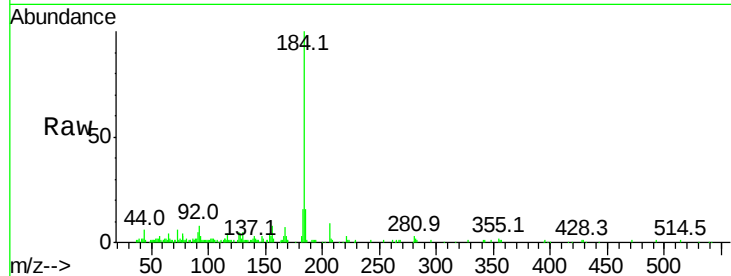
Tot Ion:184 Resp: 98832

Ion Ratio Lower Upper

184 100

185 15.6 12.6 19.0

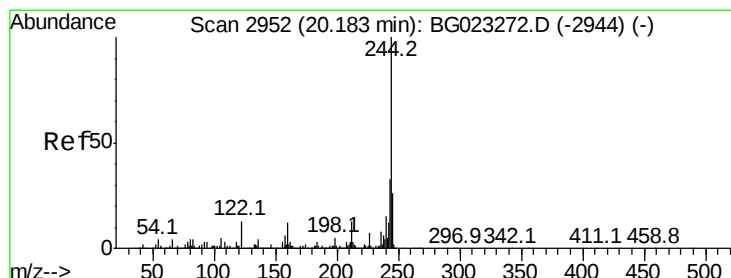
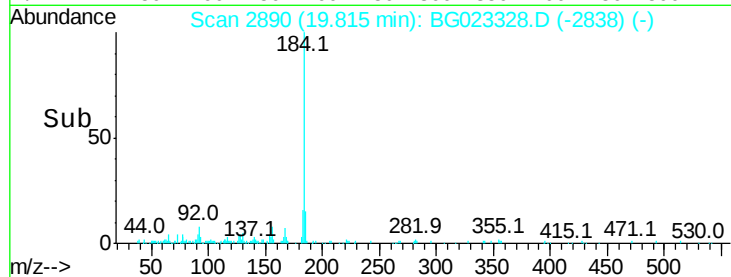
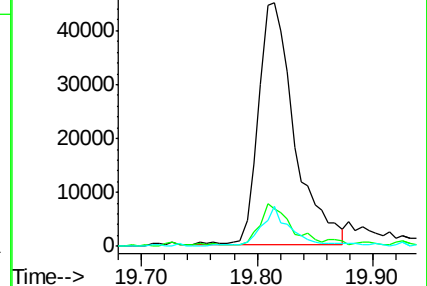
183 16.4 10.7 16.1#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 85.02 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BG023328.D

Acq: 29 Jul 2016 6:24

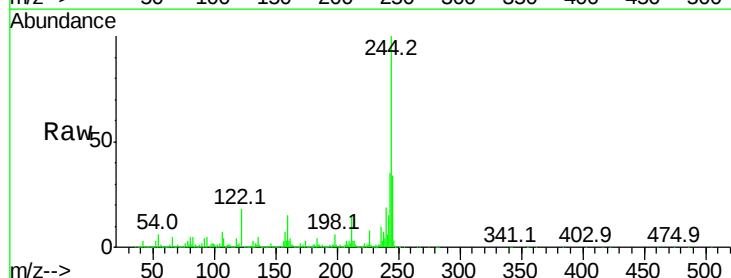
Tgt Ion:244 Resp: 3283793

Ion Ratio Lower Upper

244 100

212 14.6 10.8 16.2

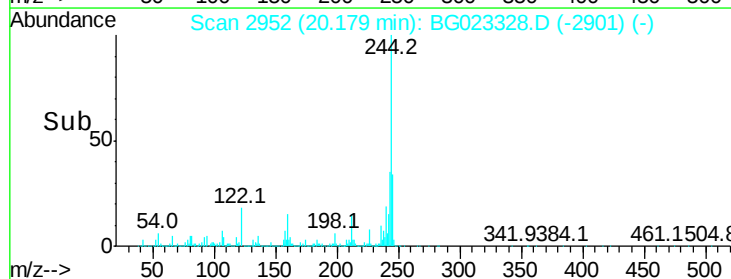
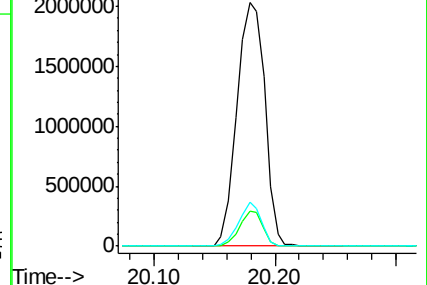
122 17.9 8.0 12.0#

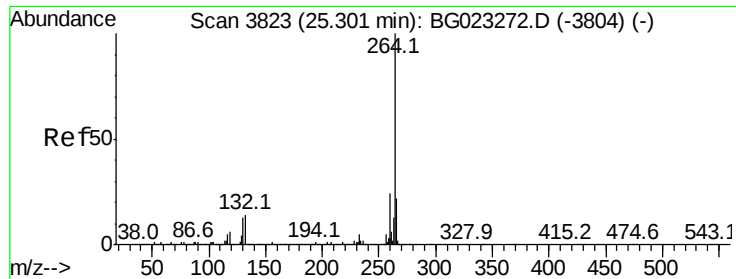


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.31 min Scan# 3825
 Delta R.T. 0.00 min
 Lab File: BG023328.D
 Acq: 29 Jul 2016 6:24

Instrument :
 BNA_G
 ClientSampleId :
 L-2

Tot Ion:264 Resp: 1252184
 Ion Ratio Lower Upper
 264 100
 260 21.7 18.4 27.6
 265 20.2 18.9 28.3

